Appendix A

Vector Field Description	Image 5A	Image 5B
hsv hist[0]	0.015725	0.013723
hsv hist[1]	0.003684	0.00388
hsv hist[2]	0.00873	0.01009
hsv hist[3]	0.00257	0.003142
hsv hist[4]	0.003142	0.003375
hsv hist[5]	0.002536	0.007205
hsv hist[6]	0.005096	0.005478
hsv hist[7]	0.109737	0.02404
hsv hist[8]	0.231435	0.24531
hsv hist[9]	0.003053	0.003423
hsv hist[10]	0.00473	0.005
hsv hist[11]	0.00672	0.007199
hsv hist[12]	0.012991	0.013399
hsv hist[13]	0.003056	0.003294
hsv hist[14]	0.003962	0.004193
hsv hist[15]	0.003174	0.007648
hsv hist[16]	0.002824	0.003171
hsv hist[17]	0.002794	0.003113
hsv hist[18]	0.003438	0.003649
hsv hist[19]	0.003463	0.00368
hsv hist[20]	0.011039	0.01132
hsv hist[21]	0.002613	0.005176
hsv hist[22]	0.137309	0.04714
hsv hist[23]	0.004708	0.004959
hsv hist[24]	0.008401	0.010014
hsv hist[25]	0.021558	0.017975
hsv hist[26]	0.007147	0.007737
hsv hist[27]	0.002483	0.003345
hsv hist[28]	0.004309	0.004555
hsv hist[29]	0.094836	0.127772
hsv hist[30]	0.006281	0.009143
hsv hist[31]	0.027904	0.114393
hsv hist[32]	0.020035	0.019814
hsv hist[33]	0.003937	0.00415
hsv hist[34]	0.003702	0.003911
hsv hist[35]	0.002639	0.003112
hsv hist[36]	0.009506	0.01034

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hsv hist[37]	0.003058	0.0033
hsv hist[38]	0.002865	0.003155
hsv hist[39]	0.002705	0.003085
hsv hist[40]	0.003048	0.003292
hsv hist[41]	0.004748	0.005064
hsv hist[42]	0.002823	0.003169
hsv hist[43]	0.011545	0.013752
hsv hist[44]	0.014392	0.01326
hsv hist[45]	0.005569	0.005913
hsv hist[46]	0.006358	0.006962
hsv hist[47]	0.002388	0.003281
hsv hist[48]	0.021131	0.0175
hsv hist[49]	0.003323	0.003529
hsv hist[50]	0.003274	0.003496
hsv hist[51]	0.002996	0.017348
hsv hist[52]	0.00279	0.003335
hsv hist[53]	0.014599	0.023894
hsv hist[54]	0.003977	0.004203
hsv hist[55]	0.018001	0.016744
hsv hist[56]	0.008352	0.008994
hsv hist[57]	0.017086	0.016152
hsv hist[58]	0.00255	0.003322
hsv hist[59]	0.005808	0.006252
hsv hist[60]	0.004154	0.004367
hsv hist[61]	0.005096	0.005436
hsv hist[62]	0.002681	0.003192
hsv hist[63]	0.023416	0.019133
color moment [0]	71.268158	67.481941
color moment [1]	18.362003	17.803455
color moment [2]	9.894927	10.658245
color moment [3]	5.043429	4.898332
color moment [4]	1.124696	0.833566
color moment [5]	2.179271	3.589482
color coherence hist[0]	0.004023	0.003164
color coherence hist[1]	0.003773	0.003078
color coherence hist[2]	0.003788	0.003157

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color coherence hist[3]	0.216005	0.122567
color coherence hist[4]	0.00451	0.003623
color coherence hist[5]	0.005861	0.00492
color coherence hist[6]	0.005449	0.004366
color coherence hist[7]	0.007247	0.006423
color coherence hist[8]	0.006292	0.005233
color coherence hist[9]	0.006592	0.005208
color coherence hist[10]	0.006716	0.00521
color coherence hist[11]	0.006974	0.005804
color coherence hist[12]	0.005557	0.004788
color coherence hist[13]	0.189305	0.112322
color coherence hist[14]	0.0088	0.007137
color coherence hist[15]	0.005152	0.004244
color coherence hist[16]	0.00534	0.004335
color coherence hist[17]	0.008665	0.007897
color coherence hist[18]	0.008904	0.007059
color coherence hist[19]	0.004087	0.00337
color coherence hist[20]	0.009935	0.008478
color coherence hist[21]	0.009591	0.007582
color coherence hist[22]	0.013121	0.010153
color coherence hist[23]	0.018113	0.091666
color coherence hist[24]	0.004878	0.004149
color coherence hist[25]	0.00552	0.004318
color coherence hist[26]	0.004713	0.003696
color coherence hist[27]	0.007794	0.006343
color coherence hist[28]	0.00504	0.003976
color coherence hist[29]	0.012787	0.01112
color coherence hist[30]	0.014691	0.012139
color coherence hist[31]	0.006159	0.005285
color coherence hist[32]	0.006352	0.005076
color coherence hist[33]	0.006713	0.005405
color coherence hist[34]	0.006002	0.004996
color coherence hist[35]	0.004416	0.003586
color coherence hist[36]	0.00647	0.005556
color coherence hist[37]	0.025783	0.0161
color coherence hist[38]	0.004595	0.003764
color coherence hist[39]	0.007727	0.006179
color coherence hist[40]	0.005626	0.004481

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color coherence hist[41]	0.009352	0.007588
color coherence hist[42]	0.009523	0.007438
color coherence hist[43]	0.004594	0.003886
color coherence hist[44]	0.008157	0.00708
color coherence hist[45]	0.010747	0.008226
color coherence hist[46]	0.00654	0.005312
color coherence hist[47]	0.015174	0.032166
color coherence hist[48]	0.004969	0.004002
color coherence hist[49]	0.009231	0.008031
color coherence hist[50]	0.005052	0.004225
color coherence hist[51]	0.00614	0.004959
color coherence hist[52]	0.008388	0.006818
color coherence hist[53]	0.009767	0.0079
color coherence hist[54]	0.005716	0.004448
color coherence hist[55]	0.004282	0.003473
color coherence hist[56]	0.007149	0.005603
color coherence hist[57]	0.012766	0.009913
color coherence hist[58]	0.008568	0.007078
color coherence hist[59]	0.014867	0.01175
color coherence hist[60]	0.016085	0.012216
color coherence hist[61]	0.007843	0.007422
color coherence hist[62]	0.005253	0.004328
color coherence hist[63]	0.008265	0.006359
color coherence hist[64]	0.000417	0.001191
color coherence hist[65]	0.000445	0.001208
color coherence hist[66]	0.000469	0.001153
color coherence hist[67]	0.002368	0.008199
color coherence hist[68]	0.000501	0.001315
color coherence hist[69]	0.000746	0.001847
color coherence hist[70]	0.000594	0.001744
color coherence hist[71]	0.001057	0.002341
color coherence hist[72]	0.000805	0.002158
color coherence hist[73]	0.000664	0.002012
color coherence hist[74]	0.000672	0.001938
color coherence hist[75]	0.000854	0.002042
color coherence hist[76]	0.00075	0.00173
color coherence hist[77]	0.009691	0.04922
color coherence hist[78]	0.001046	0.003142

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color coherence hist[79]	0.000629	0.001667
color coherence hist[80]	0.000624	0.00175
color coherence hist[81]	0.001365	0.003008
color coherence hist[82]	0.000942	0.002472
color coherence hist[83]	0.000491	0.001224
color coherence hist[84]	0.001288	0.002842
color coherence hist[85]	0.001058	0.003211
color coherence hist[86]	0.001177	0.00367
color coherence hist[87]	0.031716	0.032868
color coherence hist[88]	0.00064	0.001516
color coherence hist[89]	0.000554	0.001641
color coherence hist[90]	0.000485	0.001378
color coherence hist[91]	0.000914	0.002324
color coherence hist[92]	0.000531	0.001462
color coherence hist[93]	0.001759	0.003862
color coherence hist[94]	0.007603	0.029164
color coherence hist[95]	0.000825	0.001934
color coherence hist[96]	0.00067	0.002016
color coherence hist[97]	0.000765	0.00224
color coherence hist[98]	0.000754	0.001938
color coherence hist[99]	0.000507	0.001299
color coherence hist[100]	0.000862	0.00197
color coherence hist[101]	0.001368	0.011449
color coherence hist[102]	0.000551	0.001491
color coherence hist[103]	0.000829	0.002553
color coherence hist[104]	0.00061	0.001628
color coherence hist[105]	0.00095	0.00301
color coherence hist[106]	0.00091	0.002861
color coherence hist[107]	0.000591	0.001408
color coherence hist[108]	0.001117	0.002497
color coherence hist[109]	0.001034	0.003023
color coherence hist[110]	0.000773	0.00215
color coherence hist[111]	0.001369	0.00824
color coherence hist[112]	0.000559	0.0016
color coherence hist[113]	0.001379	0.003494
color coherence hist[114]	0.00063	0.00152
color coherence hist[115]	0.000691	0.001767
color coherence hist[116]	0.000997	0.002712

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color coherence hist[117]	0.001088	0.002642
color coherence hist[118]	0.000573	0.001678
color coherence hist[119]	0.000496	0.001377
color coherence hist[120]	0.000739	0.002043
color coherence hist[121]	0.001223	0.008437
color coherence hist[122]	0.001043	0.00262
color coherence hist[123]	0.001577	0.004085
color coherence hist[124]	0.001428	0.004183
color coherence hist[125]	0.001327	0.002705
color coherence hist[126]	0.000629	0.001561
color coherence hist[127]	0.000788	0.002401
mrsar[0]	0.212689	0.272248
mrsar[1]	0.163482	0.137797
mrsar[2]	0.034149	0.073859
mrsar[3]	0.077726	0.010841
mrsar[4]	4.501686	5.894232
mrsar[5]	0.219733	0.253722
mrsar[6]	0.162578	0.148302
mrsar[7]	0.024047	0.06795
mrsar[8]	0.056763	0.008772
mrsar[9]	5.530945	7.133299
mrsar[10]	0.212373	0.236019
mrsar[11]	0.149553	0.140585
mrsar[12]	0.024465	0.069913
mrsar[13]	0.049384	0.007728
mrsar[14]	6.170992	8.024147
coarseness[0]	0.159145	0.169511
coarseness[1]	0.068574	0.073884
coarseness[2]	0.057339	0.071561
coarseness[3]	0.019682	0.024802
coarseness[4]	0.039972	0.043701
coarseness[5]	0.045226	0.042587
coarseness[6]	0.046261	0.037436
coarseness[7]	0.048805	0.041868
coarseness[8]	0.067705	0.060949
coarseness[9]	0.447291	0.433702

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directionality[0]	0.046838	0.431484
directionality[1]	0.058548	0.197055
directionality[2]	0.30445	0.098528
directionality[3]	0.105386	0.029445
directionality[4]	0.064403	0.0453
directionality[5]	0.087822	0.069083
directionality[6]	0.117096	0.053228
directionality[7]	0.215457	0.075878